

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039083.D
 Acq On : 23 May 2022 11:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 24 05:57:17 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	75	-0.02
2 T	Dichlorodifluoromethane	1.567	1.535	2.0	79	0.00
3	Chlorodifluoromethane	1.241	1.181	4.8	77	0.00
4	Chloromethane	0.621	0.582	6.3	74	0.00
5 T	Vinyl Chloride	0.567	0.588	-3.7	79	0.00
6 T	Bromomethane	0.268	0.299	-11.6	84	-0.01
7	Chloroethane	0.190	0.215	-13.2	87	-0.01
8 T	Dichlorotetrafluoroethane	1.420	1.455	-2.5	82	0.00
9 T	Propene	0.542	0.482	11.1	75	0.00
10 T	Heptane	1.329	1.204	9.4	70	-0.01
11 T	Trichlorofluoromethane	1.344	1.445	-7.5	86	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.926	0.972	-5.0	82	0.00
13	Ethanol	0.038	0.033#	13.2	83	-0.02
14 T	Bromoethene	0.382	0.428	-12.0	84	0.00
15 T	Acetone	0.943	1.008	-6.9	86	-0.01
16 T	1,3-Butadiene	0.542	0.545	-0.6	79	0.00
17	tert-Butyl alcohol	0.725	0.852	-17.5	92	-0.01
18 T	1,1-Dichloroethene	0.399	0.428	-7.3	84	0.00
19 T	Isopropyl Alcohol	0.449	0.523	-16.5	88	0.00
20 T	Methylene Chloride	0.356	0.360	-1.1	85	0.00
21 T	Allyl Chloride	0.643	0.677	-5.3	80	0.00
22 T	trans-1,2-Dichloroethene	0.431	0.448	-3.9	81	0.00
23 T	Vinyl Acetate	0.746	0.822	-10.2	82	0.00
24 T	1,1-Dichloroethane	0.859	0.891	-3.7	82	-0.01
25 T	Ethyl Acetate	2.258	2.210	2.1	75	-0.01
26 T	Hexane	1.003	0.945	5.8	75	-0.01
27 T	Carbon Disulfide	0.953	1.066	-11.9	80	-0.02
28 T	Methyl tert-Butyl Ether	0.763	0.816	-6.9	81	0.00
29 T	Chloroform	1.623	1.620	0.2	77	-0.02
30 T	Cyclohexane	0.840	0.784	6.7	74	-0.02
31 T	cis-1,2-Dichloroethene	1.022	0.999	2.3	74	-0.02
32 T	1,1,1-Trichloroethane	1.623	1.672	-3.0	79	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	-0.01
34 T	2-Butanone	0.510	0.568	-11.4	83	-0.01
35 T	Carbon Tetrachloride	0.659	0.727	-10.3	80	-0.01
36 T	Benzene	0.856	0.800	6.5	72	-0.01
37 T	1,2-Dichloroethane	0.529	0.562	-6.2	79	-0.01
38 T	Trichloroethene	0.380	0.360	5.3	75	-0.01
39 T	1,2-Dichloropropane	0.333	0.310	6.9	70	-0.02
40 T	1,4-Dioxane	0.120	0.117	2.5	73	0.00
41 T	Tetrahydrofuran	0.343	0.322	6.1	70	0.00
42 T	Bromodichloromethane	0.724	0.755	-4.3	76	-0.02
43	Methyl Methacrylate	0.347	0.336	3.2	71	-0.01
44 T	2,2,4-Trimethylpentane	1.502	1.389	7.5	73	-0.02
45 T	t-1,3-Dichloropropene	0.336	0.398	-18.5	73	-0.02
46 T	cis-1,3-Dichloropropene	0.446	0.479	-7.4	73	0.00
47 T	1,1,2-Trichloroethane	0.346	0.326	5.8	72	-0.02
48 T	Dibromochloromethane	0.564	0.594	-5.3	75	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.467	-8.6	74	-0.02
50 T	4-Methyl-2-Pentanone	0.895	0.864	3.5	72	-0.02
51 T	2-Hexanone	0.653	0.683	-4.6	71	-0.02
52 T	Tetrachloroethene	0.306	0.281	8.2	74	0.00
53 T	Toluene	0.959	0.909	5.2	71	-0.02
54 T	1,2-Dibromoethane	0.471	0.467	0.8	72	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	77	-0.02
56	1,1,1,2-Tetrachloroethane	0.439	0.409	6.8	74	-0.02
57 T	Chlorobenzene	0.750	0.679	9.5	74	-0.02
58 T	Ethyl Benzene	1.439	1.265	12.1	72	-0.02
59 T	m/p-Xylene	1.229	1.108	9.8	74	-0.02
60 T	o-Xylene	1.156	1.046	9.5	75	-0.02
61 T	Styrene	0.617	0.597	3.2	73	-0.01
62	Isopropylbenzene	1.691	1.509	10.8	75	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.681	0.583	14.4	72	-0.02
64	n-propylbenzene	0.409	0.378	7.6	74	-0.02
65	tert-Butylbenzene	1.482	1.352	8.8	77	-0.01
66 T	Benzyl Chloride	0.194	0.224	-15.5	66	-0.01
67	sec-Butylbenzene	2.117	1.926	9.0	76	0.00
68 S	1-Bromo-4-Fluorobenzene	0.792	0.799	-0.9	77	-0.02
69	p-Isopropyltoluene	1.710	1.608	6.0	77	-0.01
70	n-Butylbenzene	1.817	1.772	2.5	78	-0.02
71	2-Chlorotoluene	1.304	1.168	10.4	73	-0.02
72 T	4-Ethyltoluene	1.318	1.226	7.0	74	-0.02
73 T	1,3,5-Trimethylbenzene	1.186	1.134	4.4	76	-0.02
74 T	1,2,4-Trimethylbenzene	1.299	1.226	5.6	77	0.00
75 T	1,3-Dichlorobenzene	0.712	0.686	3.7	77	-0.01
76 T	1,4-Dichlorobenzene	0.700	0.671	4.1	76	0.00
77 T	1,2-Dichlorobenzene	0.704	0.679	3.6	78	0.00
78 T	Hexachloro-1,3-Butadiene	0.647	0.643	0.6	91	0.00
79 T	Naphthalene	1.055	1.336	-26.6	90	-0.01
80 T	Naphthalene,2-methyl-	0.319	0.373	-16.9	78	0.00
81 T	1,2,4-Trichlorobenzene	0.618	0.707	-14.4	90	-0.01

(#) = Out of Range

SPCC's out = 0 CCC's out = 0